

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded

NEWS 38 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:14:36 ON 08 JUL 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:14:41 ON 08 JUL 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUL 2003 HIGHEST RN 544408-69-7
DICTIONARY FILE UPDATES: 7 JUL 2003 HIGHEST RN 544408-69-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

0.61

FILE 'CASREACT' ENTERED AT 10:15:00 ON 08 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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FILE CONTENT:1907 - 6 Jul 2003 VOL 139 ISS 1

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file and provided by InfoChem and some records are produced using some INPI data from the period prior to 1986.

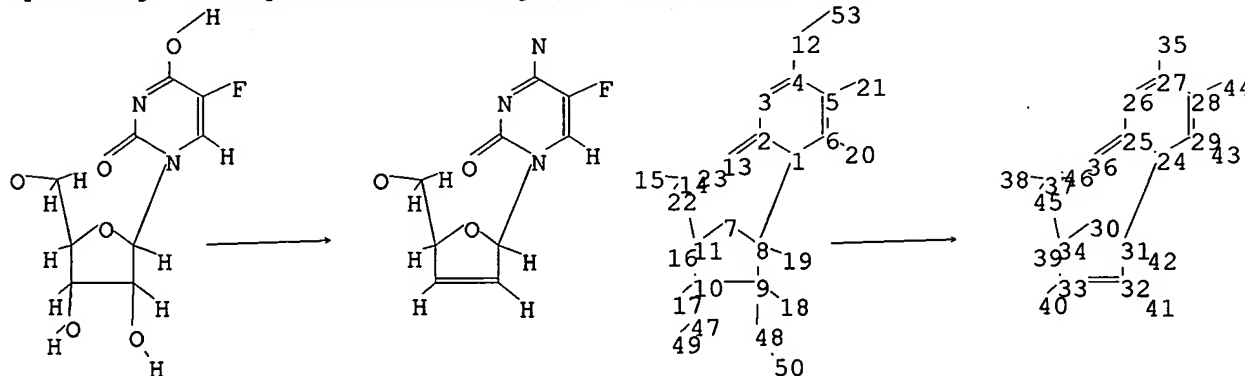
This file contains CAS Registry Numbers for easy and accurate substance identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=>

Uploading C:\Program Files\Stnexp\Queries\10087112.str



chain nodes :

12 13 14 15 16 17 18 19 20 21 22 23 35 36 37 38 39 40 41 42 43
44 45 46 47 48 49 50 53

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 24 25 26 27 28 29 30 31 32 33 34

chain bonds :

1-8 2-13 4-12 5-21 6-20 8-19 9-18 9-48 10-17 10-47 11-14 11-16 12-53
14-15 14-22 14-23 24-31 25-36 27-35 28-44 29-43 31-42 32-41 33-40 34-37
34-39 37-38 37-45 37-46 47-49 48-50
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 24-25 24-29 25-26
26-27 27-28 28-29 30-31 30-34 31-32 32-33 33-34
exact/norm bonds :
1-2 1-6 1-8 2-3 2-13 3-4 4-5 4-12 5-6 7-8 7-11 8-9 9-10 9-48 10-11
10-47 14-15 24-25 24-29 24-31 25-26 25-36 26-27 27-28 27-35 28-29 30-31
30-34 31-32 32-33 33-34 37-38
exact bonds :
5-21 6-20 8-19 9-18 10-17 11-14 11-16 12-53 14-22 14-23 28-44 29-43
31-42 32-41 33-40 34-37 34-39 37-45 37-46 47-49 48-50

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 53:CLASS
fragments assigned product role:
containing 24
fragments assigned reactant/reagent role:
containing 1

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 10:15:34 FILE 'CASREACT'
SCREENING COMPLETE - 5 REACTIONS TO VERIFY FROM 1 DOCUMENTS

100.0% DONE 5 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED VERIFICATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 full

FULL SEARCH INITIATED 10:15:42 FILE 'CASREACT'
SCREENING COMPLETE - 93 REACTIONS TO VERIFY FROM 8 DOCUMENTS

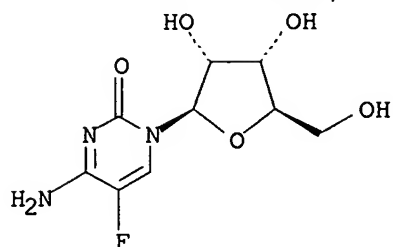
100.0% DONE 93 VERIFIED 2 HIT RXNS 1 DOCS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1 (2 REACTIONS)

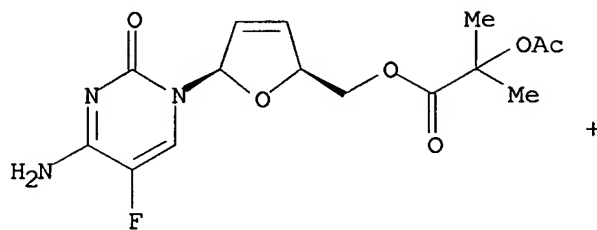
=> d

L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2003 ACS

RX(6) OF 9 - 2 STEPS

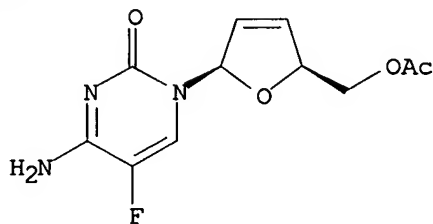


- 1.1. Me₂C(OAc)COBr,
AcOEt, MeCN
1.2. KHCO₃, Water
2.1. CuSO₄, Zn, Water
2.2. AcOH, DMF
2.3. K₂CO₃, Water



85%

RX(6) OF 9 - 2 STEPS



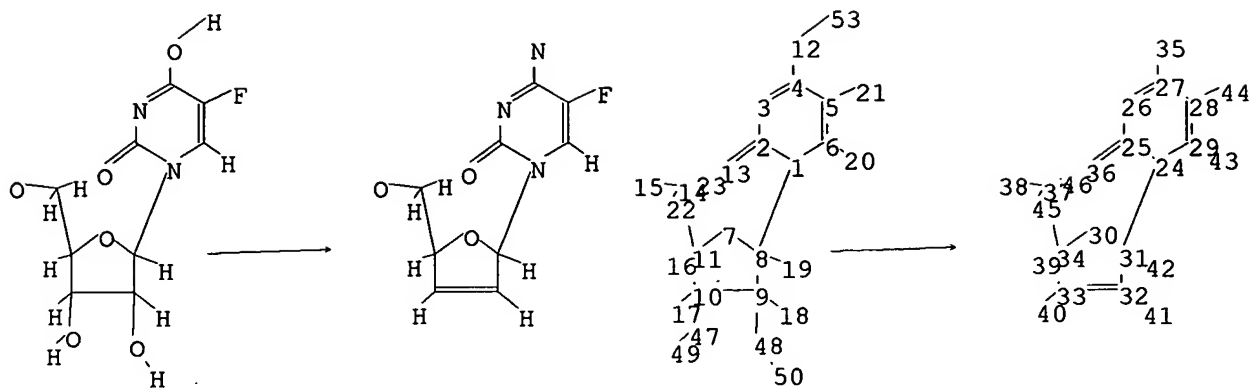
85%

REF: PCT Int. Appl., 2002070533, 12 Sep 2002

NOTE: 1) optimization study, combined yield of 88%, 2) optimized on solvent, first stage prepn. of reducing agent

=>

Uploading C:\Program Files\Stnexp\Queries\10087112.str



chain nodes :

12 13 14 15 16 17 18 19 20 21 22 23 35 36 37 38 39 40 41 42 43
44 45 46 47 48 49 50 53

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 24 25 26 27 28 29 30 31 32 33 34

chain bonds :

1-8 2-13 4-12 5-21 6-20 8-19 9-18 9-48 10-17 10-47 11-14 11-16 12-53
14-15 14-22 14-23 24-31 25-36 27-35 28-44 29-43 31-42 32-41 33-40 34-37
34-39 37-38 37-45 37-46 47-49 48-50

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 24-25 24-29 25-26
26-27 27-28 28-29 30-31 30-34 31-32 32-33 33-34

exact/norm bonds :

1-2 1-6 1-8 2-3 2-13 3-4 4-5 4-12 5-6 7-8 7-11 8-9 9-10 9-48 10-11
10-47 14-15 24-25 24-29 24-31 25-26 25-36 26-27 27-28 27-35 28-29 30-31
30-34 31-32 32-33 33-34 37-38

exact bonds :

5-21 6-20 8-19 9-18 10-17 11-14 11-16 12-53 14-22 14-23 28-44 29-43
31-42 32-41 33-40 34-37 34-39 37-45 37-46 47-49 48-50

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 53:CLASS

fragments assigned product role:

containing 24

fragments assigned reactant/reagent role:

containing 1

L4 STRUCTURE UPLOADED

10/087,112 Thomas McKenzie

=> s 14 full

FULL SEARCH INITIATED 10:17:00 FILE 'CASREACT'

SCREENING COMPLETE - 31 REACTIONS TO VERIFY FROM 10 DOCUMENTS

100.0% DONE 31 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

L5 0 SEA SSS FUL L4 (0 REACTIONS)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:.

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

198.95

199.56

STN INTERNATIONAL LOGOFF AT 10:17:16 ON 08 JUL 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal61ltxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003

10/087,112

Thomas McKenzie

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:10:11 ON 24 NOV 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:10:25 ON 24 NOV 2003

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STRUCTURE FILE UPDATES: 23 NOV 2003 HIGHEST RN 620098-11-5

DICTIONARY FILE UPDATES: 23 NOV 2003 HIGHEST RN 620098-11-5

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

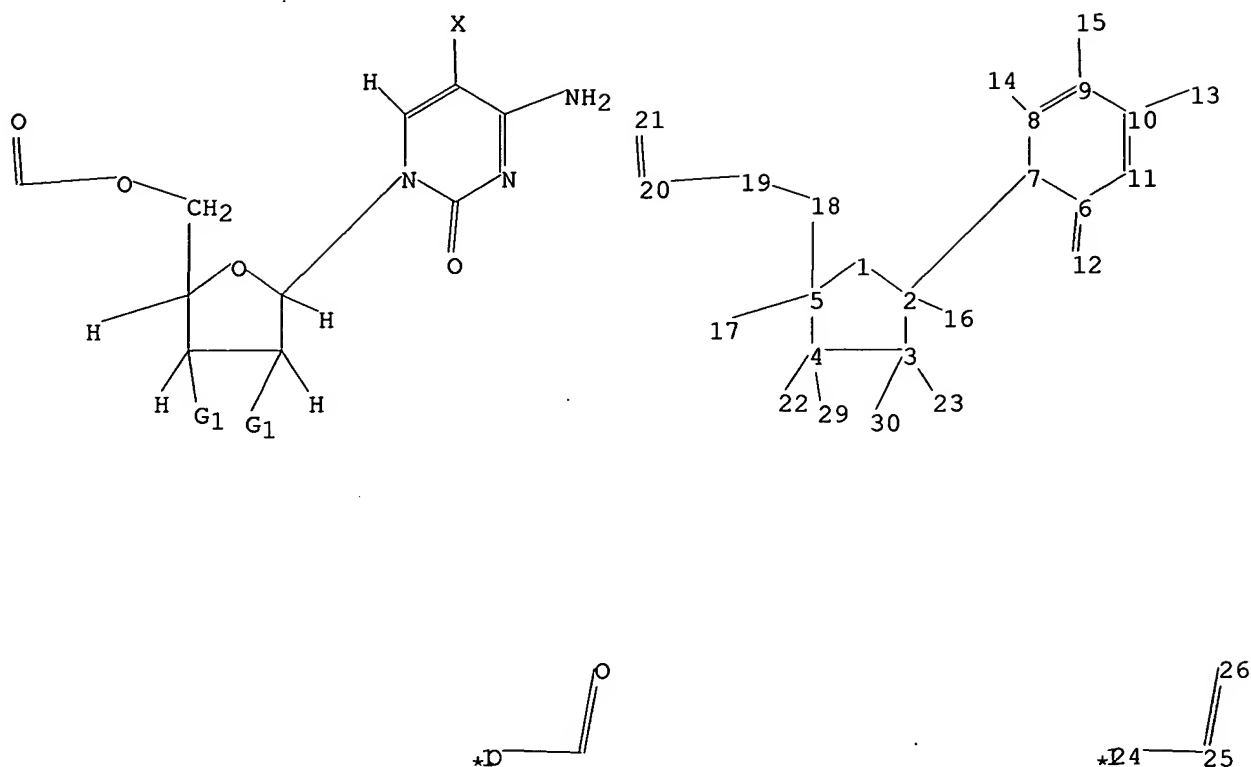
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading C:\Program Files\Stnexp\Queries\Claim25.str



chain nodes :

12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

2-7 2-16 3-23 3-30 4-22 4-29 5-17 5-18 6-12 8-14 9-15 10-13 18-19
19-20 20-21 24-25 25-26

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-5 2-3 2-7 3-4 3-30 4-5 4-29 6-7 6-11 6-12 7-8 8-9 9-10 10-11
10-13 19-20 20-21 24-25 25-26

exact bonds :

2-16 3-23 4-22 5-17 5-18 8-14 9-15 18-19

G1:X, [*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
29:CLASS 30:CLASS

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 09:10:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 44 TO ITERATE

100.0% PROCESSED 44 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

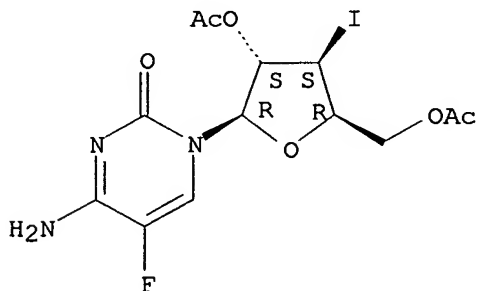
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 483 TO 1277
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 2(1H)-Pyrimidinone, 4-amino-1-(2,5-di-O-acetyl-3-deoxy-3-iodo-β-D-
 xylofuranosyl)-5-fluoro- (9CI)
MF C13 H15 F I N3 O6

Absolute stereochemistry.

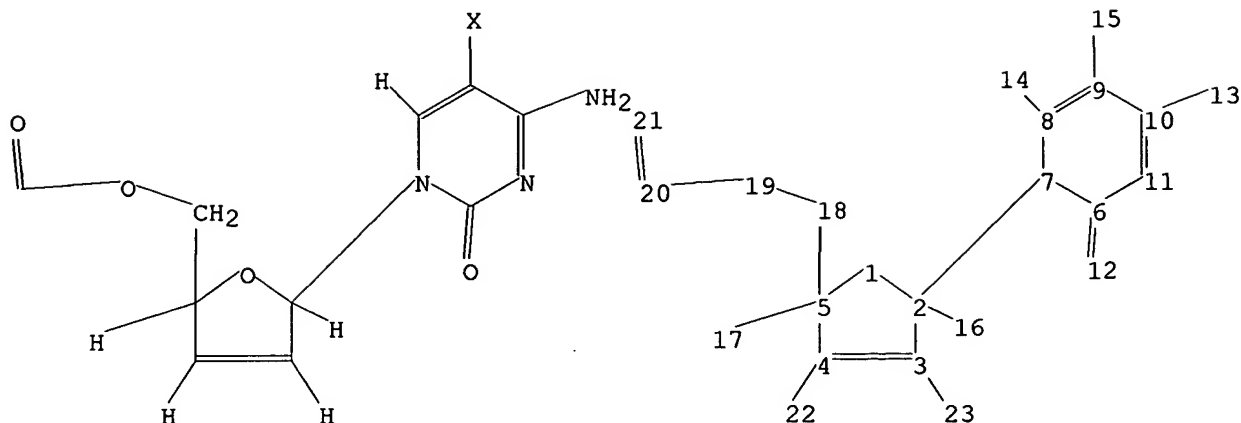


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=>

Uploading C:\Program Files\Stnexp\Queries\claim 27.str



chain nodes :

12 13 14 15 16 17 18 19 20 21 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

2-7 2-16 3-23 4-22 5-17 5-18 6-12 8-14 9-15 10-13 18-19 19-20 20-21

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-5 2-3 2-7 3-4 4-5 6-7 6-11 6-12 7-8 8-9 9-10 10-11 10-13 19-20 20-21

exact bonds :

2-16 3-23 4-22 5-17 5-18 8-14 9-15 18-19

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L3 STRUCTURE UPLOADED

=> s 13

SAMPLE SEARCH INITIATED 09:12:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 148 TO ITERATE

100.0% PROCESSED 148 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2231 TO 3689

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s l1 full

FULL SEARCH INITIATED 09:12:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 898 TO ITERATE

100.0% PROCESSED 898 ITERATIONS
SEARCH TIME: 00.00.01

31 ANSWERS

L5 31 SEA SSS FUL L1

=> s l3 full

FULL SEARCH INITIATED 09:12:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2950 TO ITERATE

100.0% PROCESSED 2950 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

L6 6 SEA SSS FUL L3

=> file caold

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

297.10

297.31

FILE 'CAOLD' ENTERED AT 09:12:57 ON 24 NOV 2003
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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGlstry for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s (l5 or L6)

0 L5

0 L6

L7 0 (L5 OR L6)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

0.40

297.71

FILE 'CAPLUS' ENTERED AT 09:13:27 ON 24 NOV 2003
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FILE COVERS 1907 - 24 Nov 2003 VOL 139 ISS 22
FILE LAST UPDATED: 23 Nov 2003 (20031123/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s (l5 and l6)
      26 L5
      4 L6
L8      3 (L5 AND L6)
```

```
=> s (l5 or l6)
      26 L5
      4 L6
L9      27 (L5 OR L6)
```

```
=> s l9 not l3
```

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:14:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 148 TO ITERATE

100.0% PROCESSED 148 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 2231 TO 3689
PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L3

L11 0 L10

L12 27 L9 NOT L11

```
=> s l9 not l8
```

L13

24 L9 NOT L8

=> d l8 cbib pi hitstr

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

2003:837102 Document No. 139:323752 Method for synthesizing

 β -L-fluoro-2',3'-didehydrocytidine (β -L-FD4C). Kowalczyk, Bo;

Zhao, Li; Schure, Ralph M.; Dunkle, Lisa (Achillion Pharmaceuticals, Inc., USA). PCT Int. Appl. WO 2003087119 A1 20031023, 36 pp. DESIGNATED

STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION:

WO 2003-US11445 20030411. PRIORITY: US 2002-FV372006 20020412.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003087119	A1 20031023	WO 2003-US11445	20030411
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		

IT 612805-64-8P 612805-65-9P

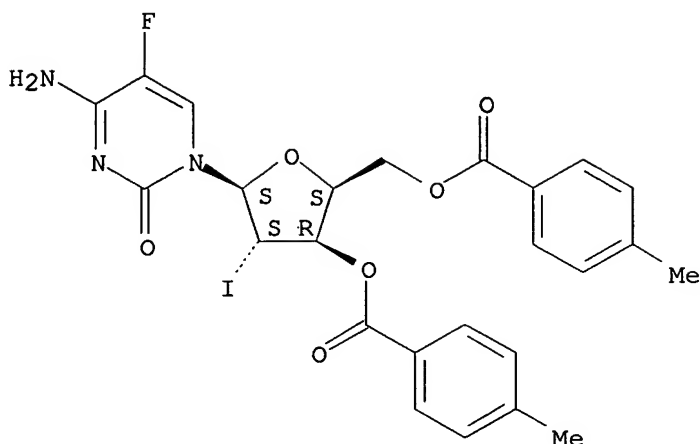
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(method for large-scale production of β -L-fluoro-2',3'-didehydrocytidine (β -L-FD4C) via coupling with fluorocytosine and reductive elimination reactions)

RN 612805-64-8 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-[2-deoxy-2-iodo-3,5-bis-O-(4-methylbenzoyl)- β -L-xylofuranosyl]-5-fluoro- (9CI) (CA INDEX NAME)

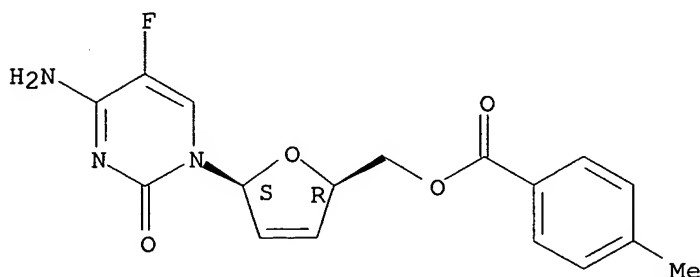
Absolute stereochemistry.



RN 612805-65-9 CAPLUS

CN Benzoic acid, 4-methyl-, [(2R,5S)-5-(4-amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-2,5-dihydro-2-furanyl]methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d 18 cbib pi hitstr 2-3

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

2002:695994 Document No. 137:217180 Method for the synthesis of 2',3'-dideoxy-2',3'-didehydronucleosides. Jin, Fuqiang; Confalone, Pasquale N. (Pharmasset Ltd., USA). PCT Int. Appl. WO 2002070533 A2 20020912, 180 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-US6460 20020301. PRIORITY: US 2001-PV272441 20010301; US 2001-PV272434 20010301.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002070533	A2	20020912	WO 2002-US6460	20020301

WO 2002070533 A3 20021219

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002198224 A1 20021226 US 2002-87112 20020301

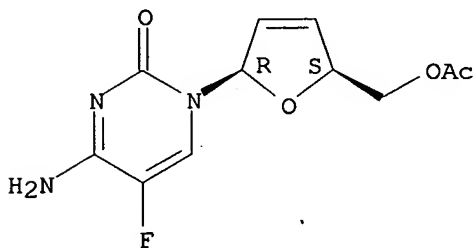
IT 221156-23-6P 457065-01-9P 457065-03-1P
457065-09-7P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis and solvent effect of 2',3'-dideoxy-2',3'-didehydronucleosides via halo-acetylation and reductive elimination reactions)

RN 221156-23-6 CAPLUS

CN Cytidine, 2',3'-didehydro-2',3'-dideoxy-5-fluoro-, 5'-acetate (9CI) (CA INDEX NAME)

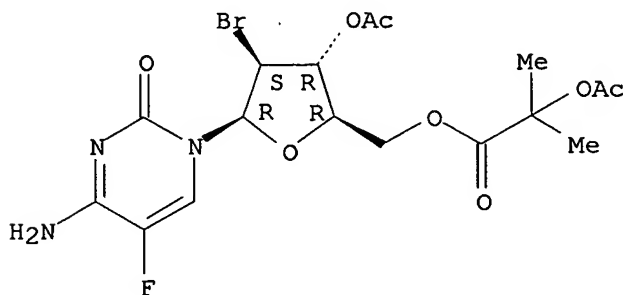
Absolute stereochemistry.



RN 457065-01-9 CAPLUS

CN 2(1H)-Pyrimidinone, 1-[3-O-acetyl-5-O-[2-(acetyloxy)-2-methyl-1-oxopropyl]-2-bromo-2-deoxy-beta-D-arabinofuranosyl]-4-amino-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

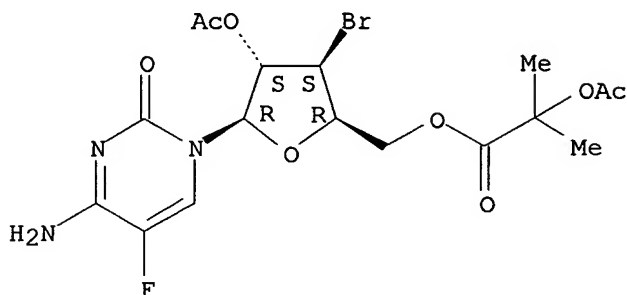


RN 457065-03-1 CAPLUS

CN 2(1H)-Pyrimidinone, 1-[2-O-acetyl-5-O-[2-(acetyloxy)-2-methyl-1-oxopropyl]-3-bromo-3-deoxy-beta-D-xylofuranosyl]-4-amino-5-fluoro- (9CI) (CA INDEX NAME)

NAME)

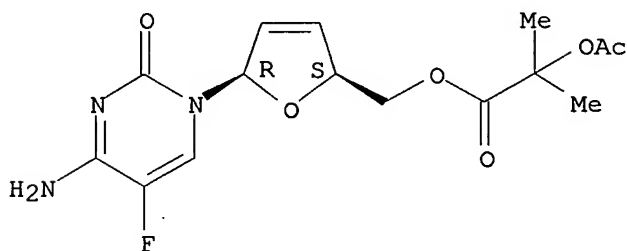
Absolute stereochemistry.



RN 457065-09-7 CAPLUS

CN Cytidine, 2',3'-didehydro-2',3'-dideoxy-5-fluoro-, 5'-[2-(acetyloxy)-2-methylpropanoate] (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 74595-08-7P 107232-40-6P

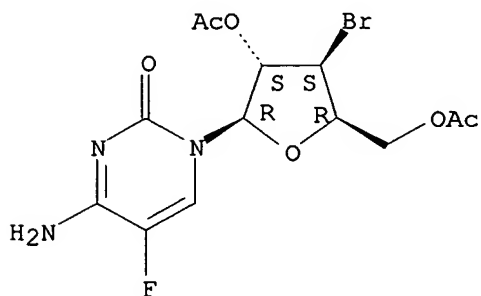
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(synthesis and solvent effect of 2',3'-dideoxy-2',3'-didehydronucleosides via halo-acetylation and reductive elimination reactions)

RN 74595-08-7 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(2,5-di-O-acetyl-3-bromo-3-deoxy-β-D-xylofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

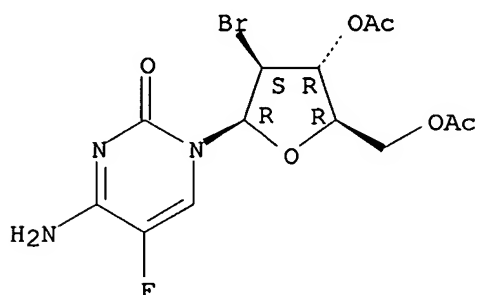
Absolute stereochemistry.



RN 107232-40-6 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-acetyl-2-bromo-2-deoxy- β -D-arabinofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

1999:1283 Document No. 130:139565 Synthesis and comparative evaluation of two antiviral agents: β -L-Fd4C and β -D-Fd4C. Chen, Shu-Hui; Lin, Stanley; King, Ivan; Spinka, Tracy; Dutschman, Ginger E.; Gullen, Elizabeth A.; Cheng, Yung-Chi; Doyle, Terrence W. (Vion Pharmaceuticals, Inc., New Haven, CT, 06511, USA). Bioorganic & Medicinal Chemistry Letters, 8(22), 3245-3250 (English) 1998. CODEN: BMCLE8. ISSN: 0960-894X. OTHER SOURCES: CASREACT 130:139565. Publisher: Elsevier Science Ltd..

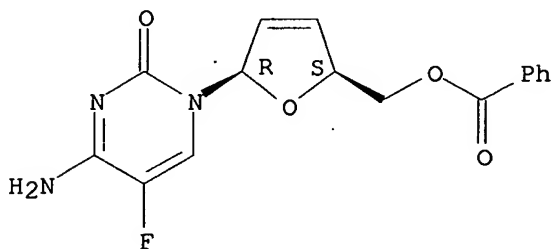
IT 219989-60-3P 219989-63-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and comparative evaluation of two antiviral agents, β -L-Fd4C and β -D-Fd4C)

RN 219989-60-3 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-[(2R,5S)-5-[(benzoyloxy)methyl]-2,5-dihydro-2-furanyl]-5-fluoro- (9CI) (CA INDEX NAME)

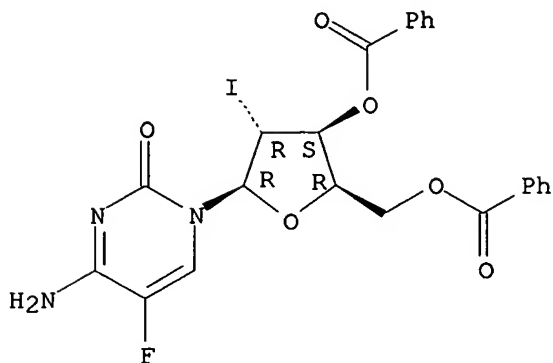
Absolute stereochemistry.



RN 219989-63-6 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-[3,5-di-O-benzoyl-2-deoxy-2-iodo- β -D-xylofuranosyl]-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 09:10:11 ON 24 NOV 2003)

FILE 'REGISTRY' ENTERED AT 09:10:25 ON 24 NOV 2003

L1 STRUCTURE UPLOADED
 L2 1 S L1
 L3 STRUCTURE UPLOADED
 L4 0 S L3
 L5 31 S L1 FULL
 L6 6 S L3 FULL

FILE 'CAOLD' ENTERED AT 09:12:57 ON 24 NOV 2003

L7 0 S (L5 OR L6)

FILE 'CAPLUS' ENTERED AT 09:13:27 ON 24 NOV 2003

L8 3 S (L5 AND L6)
 L9 27 S (L5 OR L6)
 S L9 NOT L3

FILE 'REGISTRY' ENTERED AT 09:14:04 ON 24 NOV 2003

L10 0 S L3

FILE 'CAPLUS' ENTERED AT 09:14:05 ON 24 NOV 2003

L11 0 S L10
 L12 27 S L9 NOT L11
 L13 24 S L9 NOT L8

=> sort l13 py

SORT ENTIRE ANSWER SET? (Y)/N:.

PROCESSING COMPLETED FOR L13

L14 24 SORT L13 PY

=> d l14 1-15 cbib pi hitstr

L14 ANSWER 1 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1974:115969 Document No. 80:115969 Antitumor activity of cyclocytidine derivatives. Hoshi, Akio; Kanzawa, Fumihiko; Kuretani, Kazuo; Kanai, Tadashi; Kikugawa, Kiyomi; Ichino, Motonobu (Pharmacol. Div., Natl. Cancer Cent. Res. Inst., Tokyo, Japan). Gann, 64(5), 519-22 (English) 1973.

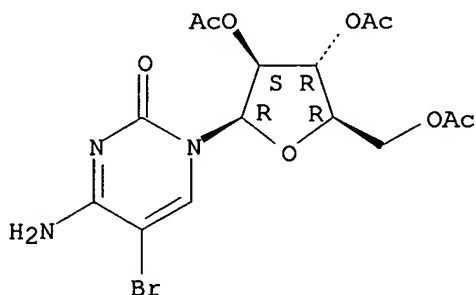
CODEN: GANNA2. ISSN: 0016-450X.

IT **51327-65-2**RL: BIOL (Biological study)
(leukemia inhibition by)

RN 51327-65-2 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(2,3,5-tri-O-acetyl- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 2 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1973:136623 Document No. 78:136623 5-Fluorocytosine nucleosides. Hoffer, Max (Hoffmann-La Roche, Inc.). U.S. US 3721664 19730330, 6 pp. (English). CODEN: USXXAM. APPLICATION: US 1970-6289 19700127.

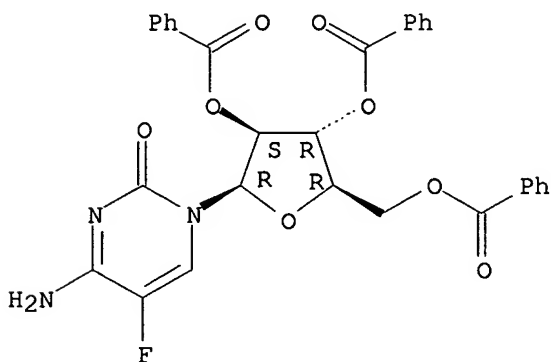
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3721664	A	19730320	US 1970-6289	19700127
US 3868373	A	19750225	US 1972-317467	19721221

IT **41108-05-8P 41108-06-9P**RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 41108-05-8 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-fluoro-1-(2,3,5-tri-O-benzoyl- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

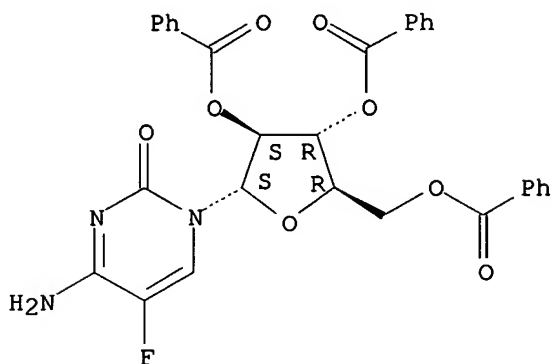
Absolute stereochemistry.



RN 41108-06-9 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-fluoro-1-(2,3,5-tri-O-benzoyl- α -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN
 1975:58072 Document No. 82:58072 Antileukemic 2,2'-anhydro-1-β-D-arabinofuranosyl-5-fluorocytosine. Fox, Jack J.; Burchenal, Joseph H.
 Ger. Offen. DE 2318902 19741024, 15 pp. (German). CODEN: GWXXBX.
 APPLICATION: DE 1973-2318902 19730414.

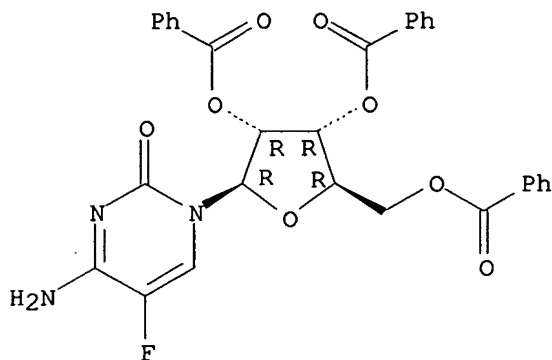
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2318902	A1	19741024	DE 1973-2318902	19730414
IT	53294-73-8				

RL: RCT (Reactant); RACT (Reactant or reagent)
 (debenzooylation of)

RN 53294-73-8 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-tribenzoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN
 1974:425908 Document No. 81:25908 2,2'-Anhydro-1-β-D-arabinofuranosyl-5-fluorocytosine hydrochloride. Hoffer, Max (Hoffmann-La Roche, F., und Co., A.-G.). Ger. Offen. DE 2342930 19740509, 16 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1973-2342930 19730824.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	DE 2342930	A1	19740509	DE 1973-2342930	19730824
	US 3899482	A	19750812	US 1972-286491	19720905
	ZA 7305572	A	19740731	ZA 1973-5572	19730814
	CA 1002944	A1	19770104	CA 1973-178912	19730815
	AU 7359440	A1	19750227	AU 1973-59440	19730821
	CH 582713	A	19761215	CH 1973-11993	19730821
	JP 49066696	A2	19740627	JP 1973-98343	19730903
	DD 107039	C	19740705	DD 1973-173239	19730903
	SE 411760	B	19800204	SE 1973-11994	19730903
	SE 411760	C	19800522		
	BE 804416	A1	19740304	BE 1973-135279	19730904
	AT 7307683	A	19750315	AT 1973-7683	19730904
	AT 326837	B	19751229		
	GB 1389799	A	19750409	GB 1973-41484	19730904
	DK 133812	B	19760726	DK 1973-4876	19730904
	PL 89424	P	19761130	PL 1973-165020	19730904
	HU 170154	P	19770428	HU 1973-HO1611	19730904
	NO 139298	C	19790207	NO 1973-3465	19730904
	NO 139298	B	19781030		
	NL 159991	B	19790417	NL 1973-12201	19730904
	FR 2199468	A1	19740412	FR 1973-32029	19730905
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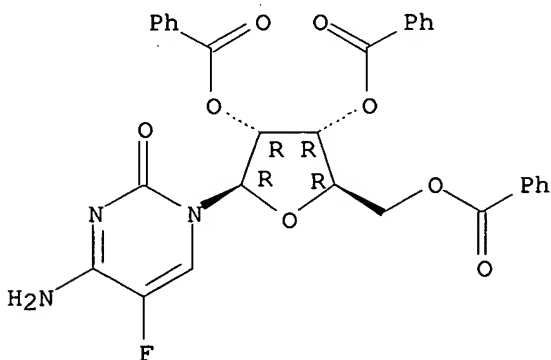
IT 53294-73-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 53294-73-8 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-tribenzoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 5 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1976:122192 Document No. 84:122192 Synthesis and reaction of some 6-substituted pyrimidine nucleosides. Ueda, Tohru; Inoue, Hideo; Matsuda, Akira (Fac. Pharm. Sci., Hokkaido Univ., Sapporo, Japan). Annals of the New York Academy of Sciences, 255(Chem., Biol., Clin. Uses Nucleoside Analogs), 121-30 (English) 1975. CODEN: ANYAA9. ISSN: 0077-8923.

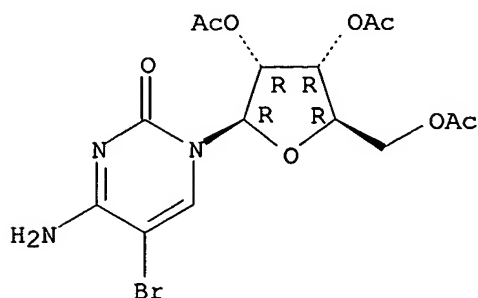
IT 58629-98-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with sodium cyanide)

RN 58629-98-4 CAPLUS

CN Cytidine, 5-bromo-, 2',3',5'-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 6 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1975:171366 Document No. 82:171366 4-Amino-5-fluoro-2-tri(alkyl)silyloxypyrimidines. Hoffer, Max (Hoffmann-La Roche, Inc., USA). U.S. US 3868373 19750225, 6 pp. Division of U.S. 3,721,664 (CA 78;136623y). (English). CODEN: USXXAM. APPLICATION: US 1972-317467 19721221. PATENT NO. KIND DATE APPLICATION NO. DATE

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3868373	A	19750225	US 1972-317467	19721221
	US 3721664	A	19730320	US 1970-6289	19700127

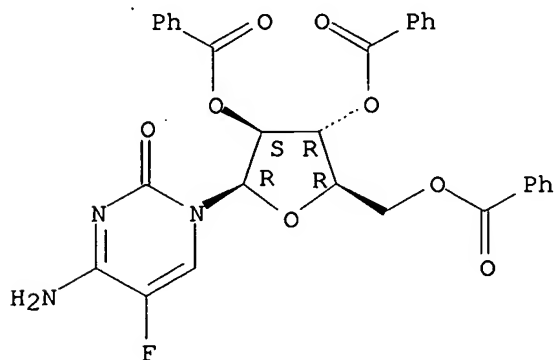
IT 41108-05-8P 41108-06-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and saponification of)

RN 41108-05-8 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-fluoro-1-(2,3,5-tri-O-benzoyl-beta-D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

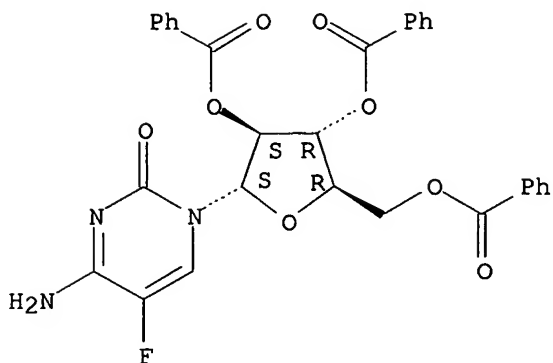
Absolute stereochemistry.



RN 41108-06-9 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-fluoro-1-(2,3,5-tri-O-benzoyl-alpha-D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 7 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1979:87844 Document No. 90:87844 2,2'-Anhydro-β-D-arabinofuranosyl-5-fluorocytosine. Fox, Jack J.; Burchenal, Joseph H. (Research Corp., USA). U.S. US 4104461 19780801, 4 pp. (English). CODEN: USXXAM.

APPLICATION: US 1973-351704 19730416.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4104461	A	19780801	US 1973-351704	19730416

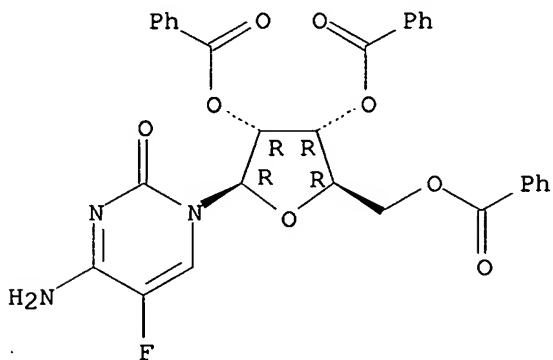
IT 53294-73-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzoylation of)

RN 53294-73-8 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-tribenzoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1979:97335 Document No. 90:97335 Nucleosides. 110. Synthesis and antiherpes virus activity of some 2'-fluoro-2'-deoxyarabinofuranosylpyrimidine nucleosides. Watanabe, Kyoichi A.; Reichman, Uri; Hirota, Kosaku; Lopez, Carlos; Fox, Jack J. (Mem. Sloan-Kettering Cancer Cent., Sloan-Kettering Inst., New York, NY, USA). Journal of Medicinal Chemistry, 22(1), 21-4 (English) 1979. CODEN: JMCMAR. ISSN: 0022-2623.

IT 69124-00-1P 69124-01-2P 69174-28-3P

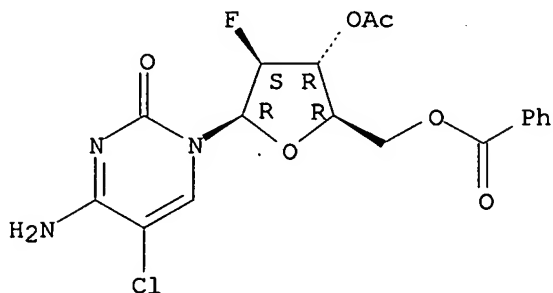
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and saponification of)

RN 69124-00-1 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-4-amino-5-chloro- (9CI) (CA INDEX NAME)

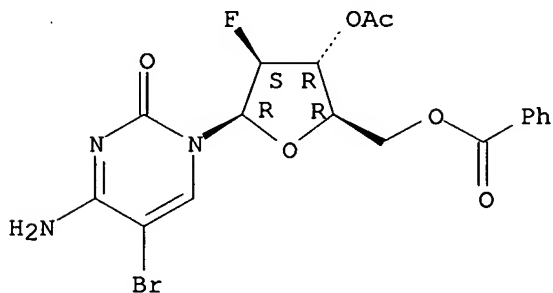
Absolute stereochemistry.



RN 69124-01-2 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-4-amino-5-bromo- (9CI) (CA INDEX NAME)

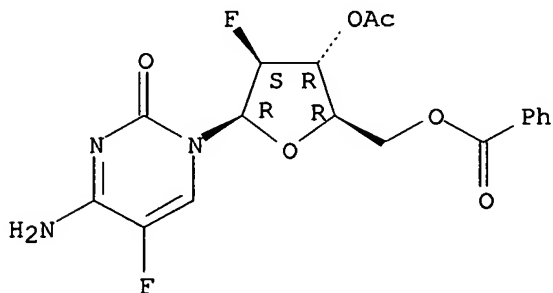
Absolute stereochemistry.



RN 69174-28-3 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-4-amino-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 9 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1980:560956 Document No. 93:160956 Nucleosides. 116. 1-(β -D-Xylofuranosyl)-5-fluorocytosines with a leaving group on the 3' position. Potential double-barreled masked precursors of anticancer nucleosides. Watanabe, K. A.; Reichman, U.; Chu, C. K.; Hollenberg, D. H.; Fox, J. J. (Lab. Org. Chem., Sloan-Kettering Inst. Cancer Res., New York, NY, 10021, USA). Journal of Medicinal Chemistry, 23(10), 1088-94 (English) 1980. CODEN: JMCMAR. ISSN: 0022-2623.

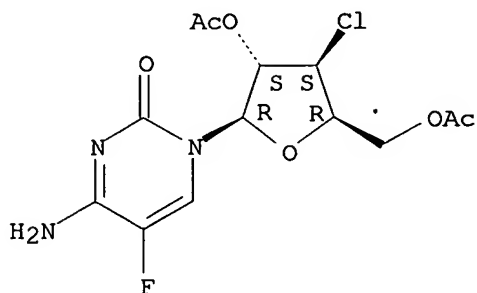
IT 74580-86-2P 74595-07-6P 74595-08-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deacetylation of)

RN 74580-86-2 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(2,5-di-O-acetyl-3-chloro-3-deoxy- β -D-xylofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

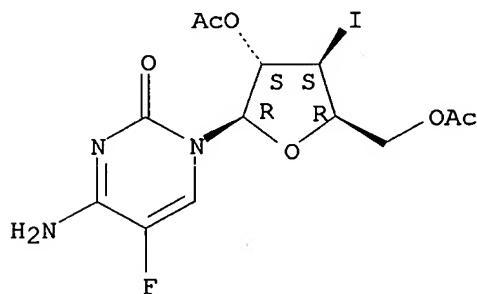


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RN 74595-07-6 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(2,5-di-O-acetyl-3-deoxy-3-iodo- β -D-xylofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

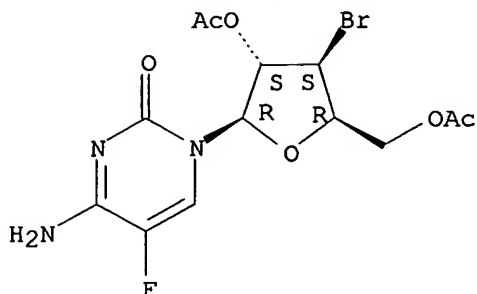
Absolute stereochemistry.



RN 74595-08-7 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(2,5-di-O-acetyl-3-bromo-3-deoxy- β -D-xylofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 10 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN
 1980:495597 Document No. 93:95597 5-Substituted 1-(2'-deoxy-2'-substituted- β -D-arabinofuranosyl)pyrimidine nucleosides. (Sloan-Kettering Institute for Cancer Research, USA). Jpn. Kokai Tokkyo Koho JP 55049395 19800409 Showa, 20 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1979-127271 19791002.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55049395	A2	19800409	JP 1979-127271	19791002
	JP 62054315	B4	19871113		
	US 4211773	A	19800708	US 1978-948189	19781002
	AU 7950757	A1	19800417	AU 1979-50757	19790912
	AU 533135	B2	19831103		
	CA 1131626	A1	19820914	CA 1979-336359	19790926
	EP 10205	A1	19800430	EP 1979-103673	19790927
	EP 10205	B1	19830504		
	R: DE, FR, GB, IT				
	ES 484626	A1	19800516	ES 1979-484626	19791001
IT	HU 24888	O	19830428	HU 1979-SO1262	19791001
	HU 182597	B	19840228		

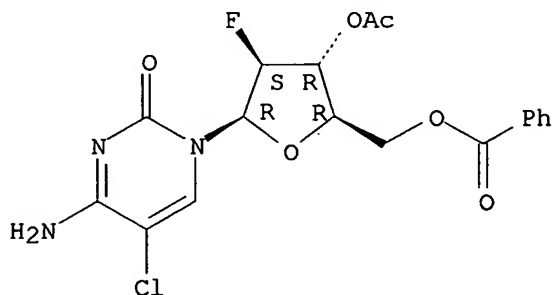
IT **69124-00-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 69124-00-1 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-4-amino-5-chloro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 11 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1981:587586 Document No. 95:187586 A simplified method for the synthesis of

pyrimidine nucleosides. Matsuda, A.; Kurasawa, Y.; Watanabe, K. A. (Grad. Sch. Med. Sci., Cornell Univ., New York, NY, 10 021, USA). *Synthesis* (9), 748 (English) 1981. CODEN: SYNTBF. ISSN: 0039-7881.

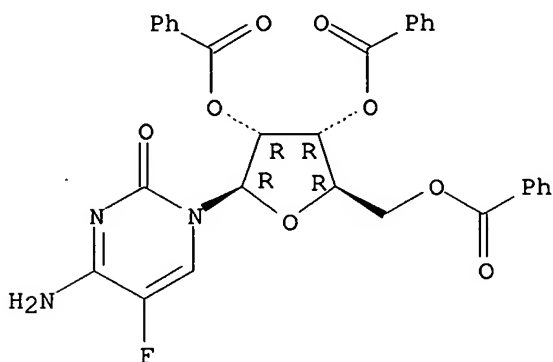
IT **53294-73-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 53294-73-8 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-tribenzoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1983:612873 Document No. 99:212873 Facile synthesis of 5-fluorocytidine. Sharma, Minoti; Alderfer, James L. (Dep. Biophys., Roswell Park Mem. Inst., Buffalo, NY, 14262, USA). *Nucleosides & Nucleotides*, 2(2), 189-91 (English) 1983. CODEN: NUNUD5. ISSN: 0732-8311.

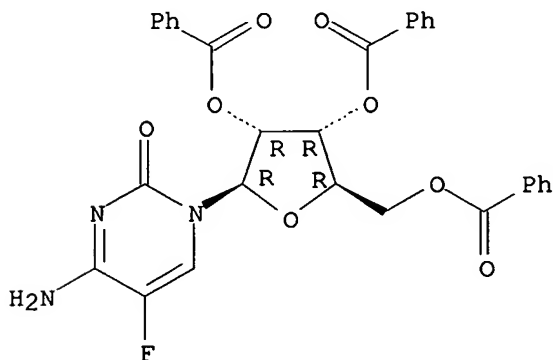
IT **53294-73-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and debenzoylation of)

RN 53294-73-8 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-tribenzoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 13 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1983:558769 Document No. 99:158769 An improved synthesis of 2'-fluoro-2'-deoxyarabinofuranosyl pyrimidine nucleosides. Chun, Moon Woo (Coll. Pharm., Seoul Natl. Univ., Seoul, 151, S. Korea). Archives of Pharmaceutical Research, 6(1), 79-81 (English) 1983. CODEN: APHRDQ. ISSN: 0253-6269.

IT 69124-01-2P 69174-28-3P 83967-00-4P

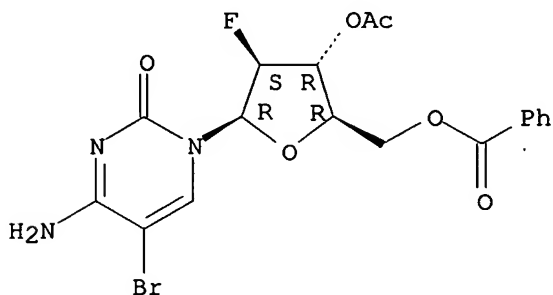
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

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(preparation and deacylation of)
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RN 69124-01-2 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-β-D-arabinofuranosyl)-4-amino-5-bromo- (9CI) (CA INDEX NAME)

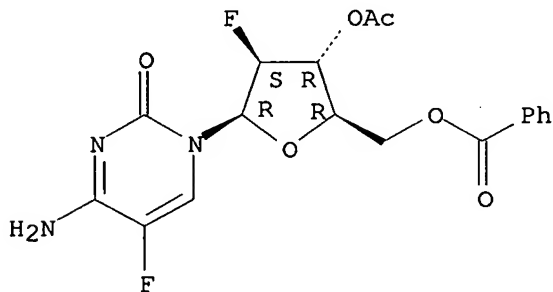
Absolute stereochemistry.



RN 69174-28-3 CAPLUS

2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-β-D-arabinofuranosyl)-4-amino-5-fluoro- (9CI) (CA INDEX NAME)

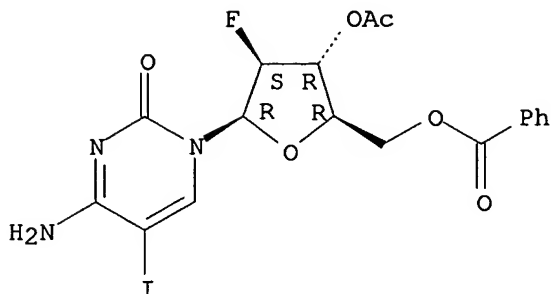
Absolute stereochemistry.



RN 83967-00-4 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-
β-D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 14 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1983:46449 Document No. 98:46449 Nucleosides. 123. Synthesis of antiviral nucleosides: 5-substituted 1-(2-deoxy-2-halogeno- β -D-arabinofuranosyl)cytosines and -uracils. Some structure-activity relationships. Watanabe, Kyoichi A.; Su, Tsann Long; Klein, Robert S.; Chu, Chung K.; Matsuda, Akira; Chun, Moon Woo; Lopez, Carlos; Fox, Jack J. (Grad. Sch. Med. Sci., Cornell Univ., New York, NY, 10021, USA). Journal of Medicinal Chemistry, 26(2), 152-6 (English) 1983. CODEN: JMCMAR. ISSN: 0022-2623.

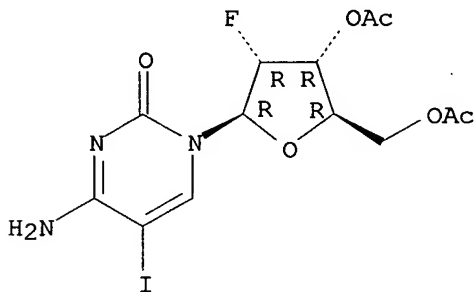
IT 83966-99-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deblocking and iodination of)

RN 83966-99-8 CAPLUS

CN Cytidine, 2'-deoxy-2'-fluoro-5-iodo-, 3',5'-diacetate, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

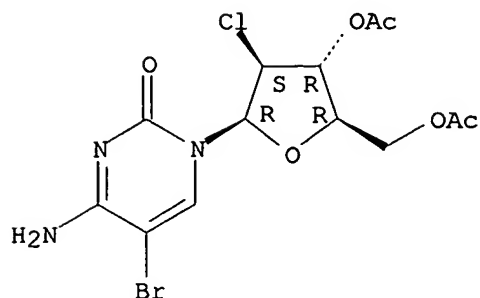
IT 83966-88-5P 83966-91-0P 83967-00-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deprotection of)

RN 83966-88-5 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(3,5-di-O-acetyl-2-chloro-2-deoxy- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

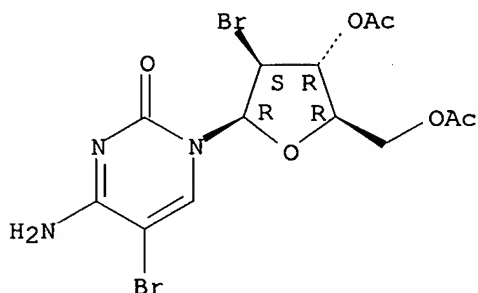
Absolute stereochemistry.



RN 83966-91-0 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(3,5-di-O-acetyl-2-bromo-2-deoxy- β -D-arabinofuranosyl)-(9CI) (CA INDEX NAME)

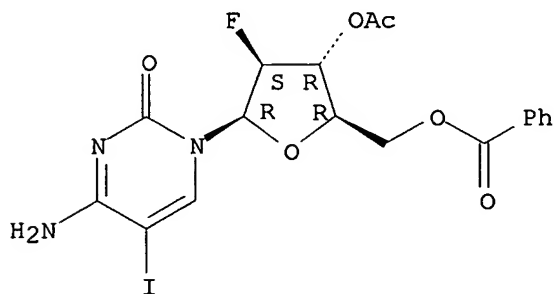
Absolute stereochemistry.



RN 83967-00-4 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 15 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1984:552247 Document No. 101:152247 2'-Fluoro-5-iodo-1- β -D-arabinofuranosylcytosine [FIAC]: synthesis and mode of anti-herpes virus activity. Lopez, Carlos; Chou, Ting Chao; Watanabe, Kyoichi A.; Fox, Jack J. (Sloan-Kettering Inst. Cancer Res., Mem. Sloan-Kettering Cancer Cent., New York, NY, 10021, USA). Developments in Molecular Virology, 4(Antiviral Drugs Interferon: Mol. Basis Their Act.), 105-15 (English) 1984. CODEN: DMVIDD. ISSN: 0167-8256.

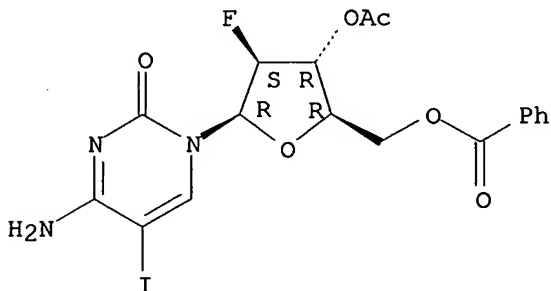
IT 83967-00-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and deprotection of)

RN 83967-00-4 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-
β-D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d 114 16-24 cbib pi hitstr

L14 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1987:113538 Document No. 106:113538 Anti-herpes virus compositions
containing 5-substituted (1,2'-deoxy-2'-substituted β-D-
arabinofuranosyl)pyrimidine nucleosides. Lopez, Carlos; Watanabe, Kyoichi
A.; Reichman, Uri; Fox, Jack J. (Sloan-Kettering Institute for Cancer
Research, USA). U.S. US 4594339 A 19860610, 11 p. Cont. of U.S. Ser. No.
366,104, abandoned. (English). CODEN: USXXAM. APPLICATION: US
1984-621875 19840618. PRIORITY: US 1982-366104 19820406.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4594339	A	19860610	US 1984-621875	19840618

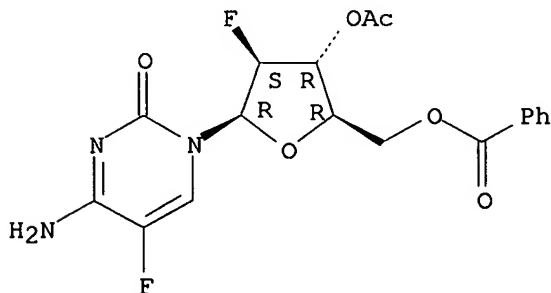
IT 69174-28-3

RL: PROC (Process)
(conversion of, to uracil derivative)

RN 69174-28-3 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-β-D-
arabinofuranosyl)-4-amino-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



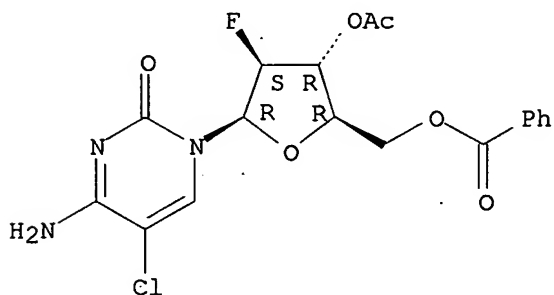
IT 69124-00-1P 69124-01-2P 83966-88-5P
 83966-91-0P 83967-00-4P 107232-36-0P
 107232-37-1P 107232-38-2P 107232-40-6P
 107232-41-7P 107249-39-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and antiherpes virus activity of)

RN 69124-00-1 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-β-D-arabinofuranosyl)-4-amino-5-chloro- (9CI) (CA INDEX NAME)

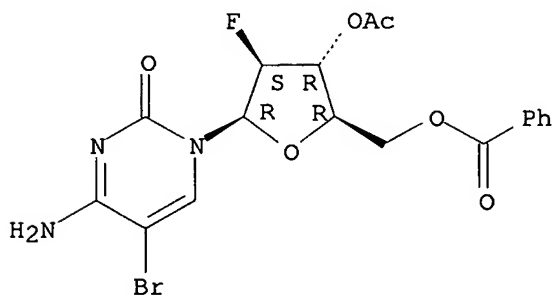
Absolute stereochemistry.



RN 69124-01-2 CAPLUS

CN 2(1H)-Pyrimidinone, 1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-β-D-arabinofuranosyl)-4-amino-5-bromo- (9CI) (CA INDEX NAME)

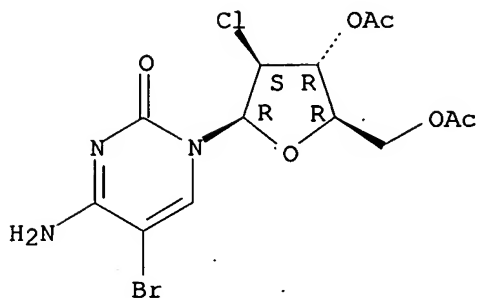
Absolute stereochemistry.



RN 83966-88-5 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(3,5-di-O-acetyl-2-chloro-2-deoxy-β-D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

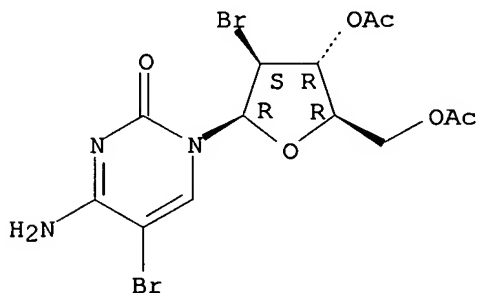
Absolute stereochemistry.



RN 83966-91-0 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(3,5-di-O-acetyl-2-bromo-2-deoxy- β -D-arabinofuranosyl)-(9CI) (CA INDEX NAME)

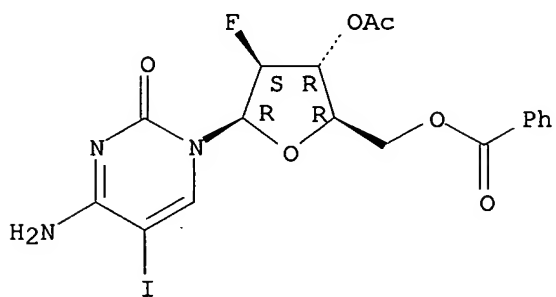
Absolute stereochemistry.



RN 83967-00-4 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro- β -D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

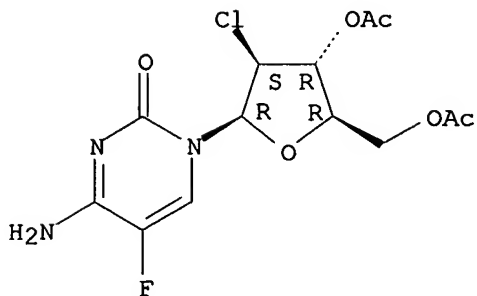
Absolute stereochemistry.



RN 107232-36-0 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-acetyl-2-chloro-2-deoxy- β -D-arabinofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

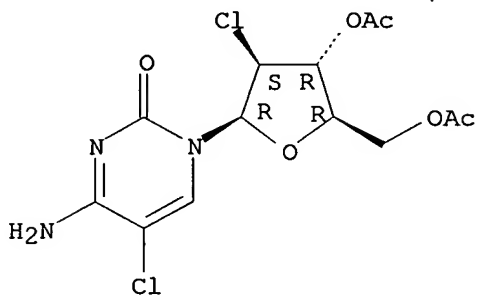


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RN 107232-37-1 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-chloro-1-(3,5-di-O-acetyl-2-chloro-2-deoxy-beta-D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

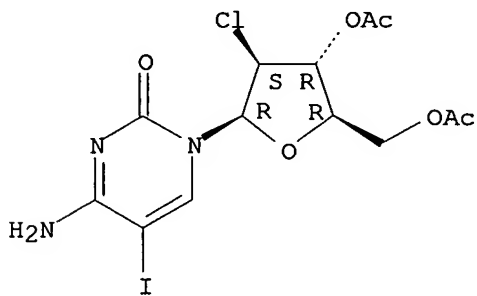
Absolute stereochemistry.



RN 107232-38-2 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-acetyl-2-chloro-2-deoxy-beta-D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

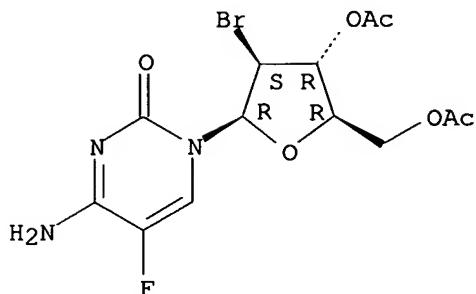
Absolute stereochemistry.



RN 107232-40-6 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-acetyl-2-bromo-2-deoxy-beta-D-arabinofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

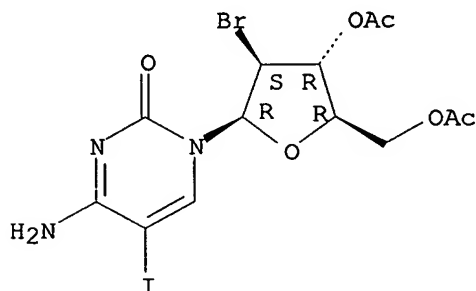
Absolute stereochemistry.



RN 107232-41-7 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-acetyl-2-bromo-2-deoxy- β -D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

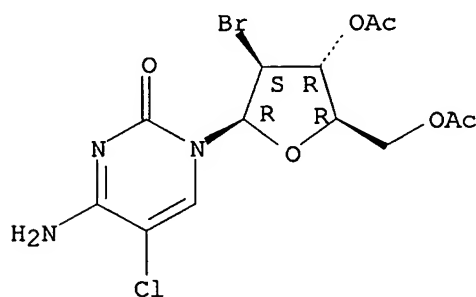
Absolute stereochemistry.



RN 107249-39-8 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-chloro-1-(3,5-di-O-acetyl-2-bromo-2-deoxy- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1987:576402 Document No. 107:176402 Acetylenic nucleosides. 4.

1-(β -D-Arabinofuranosyl)-5-ethynylcytosine. Improved synthesis and evaluation of biochemical and antiviral properties. Bobek, Miroslav; Kawai, I.; Sharma, R. A.; Grill, S.; Dutschman, G.; Cheng, Y. C. (Grace Cancer Drug Cent., Roswell Park Mem. Inst., Buffalo, NY, 14263, USA). Journal of Medicinal Chemistry, 30(11), 2154-7 (English) 1987. CODEN: JMCMAR. ISSN: 0022-2623. OTHER SOURCES: CASREACT 107:176402.

IT 110098-05-0P

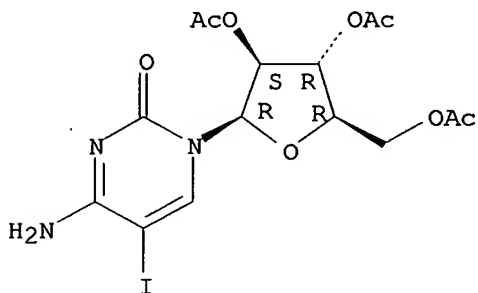
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and coupling of, with (trimethylsilyl)acetylene)

RN 110098-05-0 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-iodo-1-(2,3,5-tri-O-acetyl- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1990:497957 Document No. 113:97957 Transformation of uridine derivatives into cytidines via selective amination. Krug, A.; Schmidt, S.; Lekhschas, J.; Lemke, K.; Cech, D. (Sekt. Chem., Humboldt-Univ. Berlin, Berlin, DDR-1040, Ger. Dem. Rep.). Journal fuer Praktische Chemie (Leipzig), 331(5), 835-42 (German) 1989. CODEN: JPCEAO. ISSN: 0021-8383. OTHER SOURCES: CASREACT 113:97957.

IT 128963-10-0P

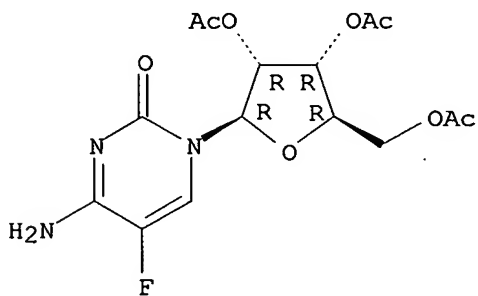
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and deacetylation of)

RN 128963-10-0 CAPLUS

CN Cytidine, 5-fluoro-, 2',3',5'-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1990:515754 Document No. 113:115754 Synthesis and antiviral activity of monofluoro and difluoro analogs of pyrimidine deoxyribonucleosides against human immunodeficiency virus (HIV-1). Martin, Joseph A.; Bushnell, David J.; Duncan, Ian B.; Dunsdon, Stephen J.; Hall, Michael J.; Machin, Peter J.; Merrett, John H.; Parkes, Kevin E. B.; Roberts, Noel A.; et al. (Res.

Div., Roche Prod. Ltd., Welwyn Garden City/Hertfordshire, AL7 3AY, UK).
Journal of Medicinal Chemistry, 33(8), 2137-45 (English) 1990. CODEN:
JMCMAR. ISSN: 0022-2623. OTHER SOURCES: CASREACT 113:115754.

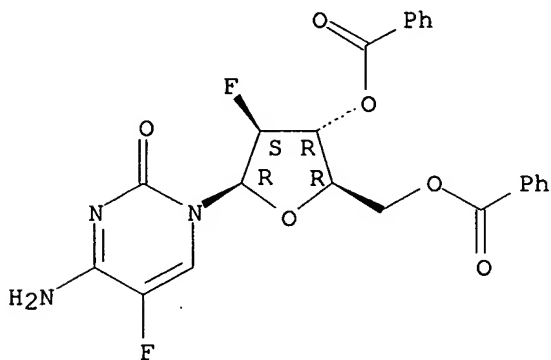
IT **128496-05-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and debenzoylation of)

RN 128496-05-9 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-benzoyl-2-deoxy-2-fluoro-β-D-
arabinofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1997:515726 Document No. 127:190957 A study of 2'-fluoro-5-iodo-ara-C
synthesis. Wu, Wengeng; Wang, Erhua (Inst. Medicinal Chemical Industry,
China Pharmaceutical Univ., Nanjing, 210009, Peop. Rep. China). Zhongguo
Yaoke Daxue Xuebao, 27(12), 705-710 (Chinese) 1996. CODEN: ZHYXE9. ISSN:
1000-5048. Publisher: Zhongguo Yaoke Daxue.

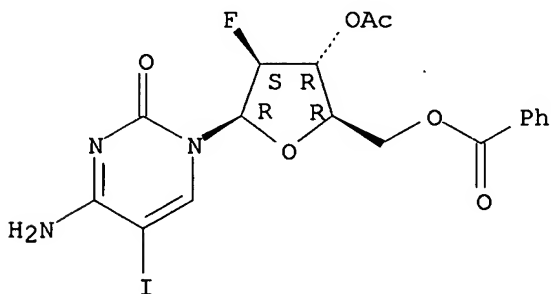
IT **83967-00-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(stereoselective preparation of fluoroiodoara-C as antiviral agent)

RN 83967-00-4 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3-O-acetyl-5-O-benzoyl-2-deoxy-2-fluoro-
β-D-arabinofuranosyl)-5-iodo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1996:354140 Document No. 125:75333 Structure-Activity Relationships of 1-(2-Deoxy-2-fluoro- β -L-arabino-furanosyl)pyrimidine Nucleosides as Anti-Hepatitis B Virus Agents. Ma, Tianwei; Pai, S. Balakrishna; Zhu, Yong Lian; Lin, Ju Sheng; Shanmuganathan, Kirupa; Du, Jinfa; Wang, Chunguang; Kim, Hongbum; Newton, M. Gary; et al. (College of Pharmacy, University of Georgia, Athens, GA, 30602, USA). Journal of Medicinal Chemistry, 39(14), 2835-2843 (English) 1996. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

IT 178687-95-1P 178687-97-3P 178687-99-5P

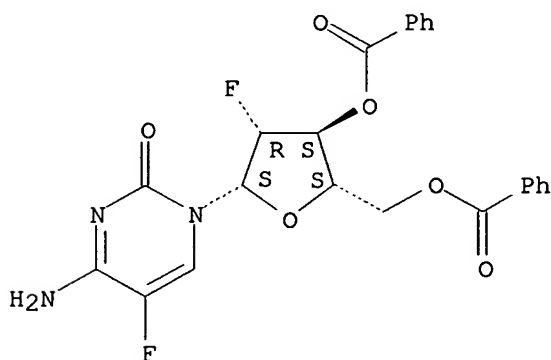
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; structure-activity relationships of 1-(2-deoxy-2-fluoro- β -L-arabino-furanosyl)pyrimidine nucleosides as anti-hepatitis B virus agents)

RN 178687-95-1 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-1-(3,5-di-O-benzoyl-2-deoxy-2-fluoro- β -L-arabinofuranosyl)-5-fluoro- (9CI) (CA INDEX NAME)

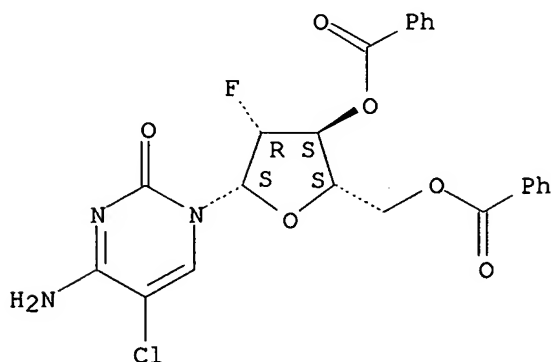
Absolute stereochemistry.



RN 178687-97-3 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-chloro-1-(3,5-di-O-benzoyl-2-deoxy-2-fluoro- β -L-arabinofuranosyl)- (9CI) (CA INDEX NAME)

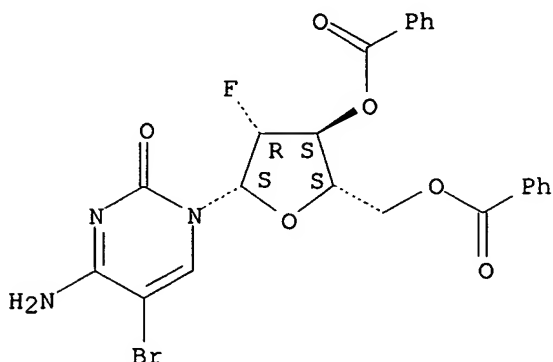
Absolute stereochemistry.



RN 178687-99-5 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(3,5-di-O-benzoyl-2-deoxy-2-fluoro- β -L-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 22 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

2000:28934 Document No. 132:180800 Synthesis, cytotoxic effect and antiviral activity of 1-(β -D-arabinofuranosyl)-5-bromo-N4-substituted cytosine and 1-(β -D-arabinofuranosyl)-5-bromo-4-methoxypyrimidin-2(1H)-one derivatives. Saladino, Raffaele; Mezzetti, Maurizio; Mincione, Enrico; Palamara, Anna Teresa; Savini, Patrizia; Marini, Stefano (Dipartimento Agrochimico Agrobiologico, Universita della Tuscia, Viterbo, 01100, Italy). Nucleosides & Nucleotides, 18(11 & 12), 2499-2510 (English) 1999. CODEN: NUNUD5. ISSN: 0732-8311. Publisher: Marcel Dekker, Inc..

IT 51327-65-2P

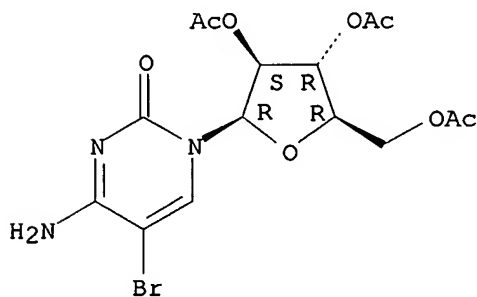
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis, cytotoxic effect and antiviral activity of (arabinofuranosyl)bromo-N-substituted cytosine and (arabinofuranosyl)bromo-methoxypyrimidinone derivs.)

RN 51327-65-2 CAPLUS

CN 2(1H)-Pyrimidinone, 4-amino-5-bromo-1-(2,3,5-tri-O-acetyl- β -D-arabinofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L14 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

1999:120304 Document No. 130:223527 Synthesis and Biological Evaluation of 2',3'-Didehydro-2',3'-dideoxy-5- fluorocytidine (D4FC) Analogs: Discovery

of Carbocyclic Nucleoside Triphosphates with Potent Inhibitory Activity against HIV-1 Reverse Transcriptase. Shi, Junxing; McAtee, J. Jeffrey; Wirtz, Susan Schlueter; Tharnish, Phillip; Juodawlkis, Amy; Liotta, Dennis C.; Schinazi, Raymond F. (Departments of Pediatrics and Chemistry, Emory University, Atlanta, GA, 30322, USA). Journal of Medicinal Chemistry, 42(5), 859-867 (English) 1999. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

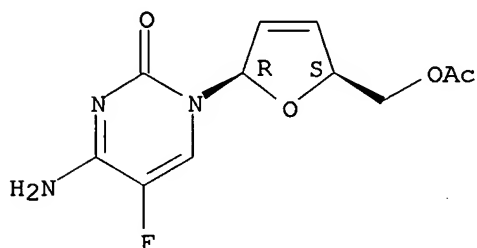
IT 221156-23-6P 221156-50-9P 221156-51-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and biol. evaluation of didehydrodideoxy fluorocytidine analogs: discovery of carbocyclic nucleoside triphosphates with potent inhibitory activity against HIV-1 reverse transcriptase)

RN 221156-23-6 CAPLUS

CN Cytidine, 2',3'-didehydro-2',3'-dideoxy-5-fluoro-, 5'-acetate (9CI) (CA INDEX NAME)

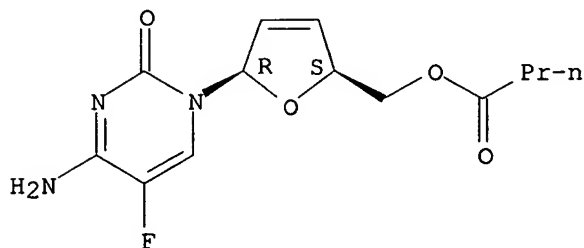
Absolute stereochemistry.



RN 221156-50-9 CAPLUS

CN Cytidine, 2',3'-didehydro-2',3'-dideoxy-5-fluoro-, 5'-butanoate (9CI) (CA INDEX NAME)

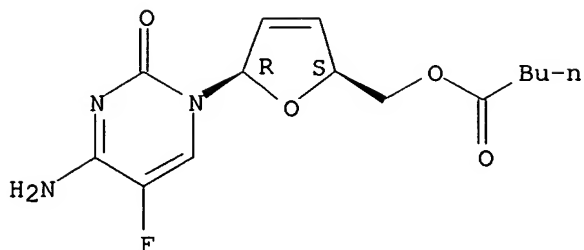
Absolute stereochemistry.



RN 221156-51-0 CAPLUS

CN Cytidine, 2',3'-didehydro-2',3'-dideoxy-5-fluoro-, 5'-pentanoate (9CI) (CA INDEX NAME)

Absolute stereochemistry.

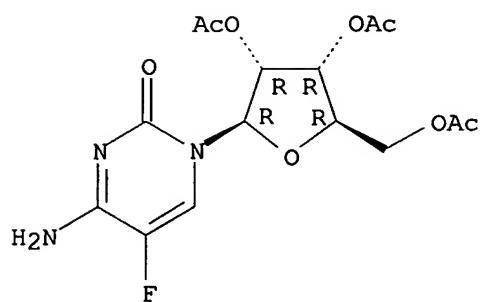


L14 ANSWER 24 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN

2002:122732 Document No. 136:167637 5'-Deoxy-N-(substituted oxycarbonyl)-5-fluorocytosine and derivatives thereof, method of preparing same, and anticancer composition comprising same as active ingredients. Kim, Kwan-Hee; Kim, Youn-Chul; Kim, Ji-Young; Lee, Kyeong-Ho; Noh, Moon-Jong; Park, Young-Seok; Cho, Sung-Min; Park, Ho-Jin (Kolon Industries, Inc., S. Korea). PCT Int. Appl. WO 2002011668 A2 20020214, 41 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-KR1351 20010808. PRIORITY: KR 2000-46179 20000809; KR 2001-44193 20010723.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002011668	A2	20020214	WO 2001-KR1351	20010808
	WO 2002011668	A3	20020418		
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	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	AU 2001078804	A5	20020218	AU 2001-78804	20010808
	EP 1311524	A2	20030521	EP 2001-957021	20010808
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
	US 2003166606	A1	20030904	US 2003-333984	20030126
IT	128963-10-0P				
	RL:		IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)		
			(preparation of deoxy(substituted oxycarbonyl)-5-fluorocytosine nucleosides as antitumor agents)		
RN	128963-10-0	CAPLUS			
CN	Cytidine, 5-fluoro-, 2',3',5'-triacetate (9CI)		(CA INDEX NAME)		

Absolute stereochemistry.



=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:.

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

87.40

385.93

STN INTERNATIONAL LOGOFF AT 09:18:23 ON 24 NOV 2003